

# Interference Search

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((authenticat\$ with (control adj1 point)) and token\$2).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/13 14:53
L2	101	((authenticat\$ with ((control adj1 point) or pos or atm\$1 or toll or vending)) and (token\$2 or cell or cellular or mobile or pda or card\$1)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/13 14:54
L3	60	((authenticat\$ with ((control adj1 point) or pos or atm\$1 or toll or vending)) same (token\$2 or cell or cellular or mobile or pda or card\$1)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/13 14:54
L4	56	((authenticat\$ with ((control adj1 point) or pos or atm\$1 or toll or vending)) with (token\$2 or cell or cellular or mobile or pda or card\$1)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/13 14:54

Set	Items	Description
S1	1218271	DATA()CARRIER? OR AUTOMATIC()TELLER()MACHINE? OR KIOSK? OR (VENDOR? OR VENDING)()MACHINE? OR WORKSTATION? OR (SMARTCARD? OR TOKEN?)()READER? OR TERMINAL? ? OR TERMINAL? ?()EQUIPMENT
S2	12701	S1(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? - OR AUTHORI? OR APPROV? OR VERIF?)
S3	734586	(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR T- RANSFER? OR TRANSMIT? OR BEAM???) (5N) (INFORMATION OR DATA OR - INFO OR IDENT? OR ID OR IDS)
S4	821277	(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOAD? OR - PULL???( )DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV- ) (5N) (INFORMATION OR DATA OR INFO OR IDENT? OR ID OR IDS)
S5	150998	(CELL OR CELLPHONE? OR CELLULAR? OR CELL()PHONE? OR WIRELE- SS OR PHONE?) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MAC- HINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S6	91268	(PALM()PILOT? OR HANDSET? ? OR HAND()SET? ? OR INTERNET? OR IP OR PDA OR WEB OR HANDHELD? OR HAND()HELD?) (3N) (PHONE? OR - DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S7	250642	SMARTCARD? OR SMART()CARD? ? OR (HARDWARE? OR HARD()WARE) (- )TOKEN? OR CHIPCARD? OR ICCARD? OR CARD OR CARDS OR TOKEN?
S8	14358	S5:S7(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDA- T? OR AUTHORI? OR APPROV? OR VERIF?)
S9	5538166	ISSUER? OR PROVIDER? OR MANUFACTURER? OR BUILDER? OR PROPR- IET? OR SUPPLIER? OR LICENS? OR VENDOR? OR AGENT? OR REPRESEN- T? OR INTERMEDIAR? OR PRODUC?
S10	2160	S2 AND S5:S7 AND S3:S4 AND S1
S11	189	S10 AND S5:S7(2N)S9
S12	104	S11 AND S5:S7 AND S3 AND S1 AND S8
S13	104	S12 AND S5:S7 AND S3:S4 AND S2 AND S8
S14	3912	(MUTUAL? OR BOTH OR EACH OR JOINT? OR TOGETHER) (2N) (USE? ? OR USING OR UTILI? OR ACCESS?) (3N) (CERTIFICAT? OR CERTIF? OR - AUTHENTICAT? OR VALIDAT? OR AUTHORI? OR APPROV? OR VERIF?)
S15	5	S13 AND S14
S16	94	S5:S6 AND S14 AND S1
S17	37	S16 AND S10
S18	99	S13 NOT S15
S19	0	S16 AND S18

S20 8 S17 AND AC=US/PR AND AY=(2001:2007)/PR  
 S21 32 S17 AND AC=US AND AY=2001:2007  
 S22 26 S17 AND AC=US AND AY=(2001:2007)/PR  
 S23 37 S17 AND PY=2001:2007  
 S24 37 S20:S23  
 S25 13383 (MUTUAL? OR BOTH OR EACH OR JOINT? OR  
 ONE(2N)ANOTHER) (5N) (-  
 CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? OR  
 AUTHORI?  
 OR APPROV? OR VERIF?)  
 S26 795 S5:S7 AND S25 AND S1  
 S27 253 S26 AND S10  
 S28 35 S27 AND S11  
 S29 32 S28 NOT S24  
 S30 28 S29 NOT S15  
 S31 6 S30 AND AC=US/PR AND AY=(2001:2007)/PR  
 S32 10 S30 AND AC=US AND AY=2001:2007  
 S33 8 S30 AND AC=US AND AY=(2001:2007)/PR  
 S34 20 S30 AND PY=2001:2007  
 S35 20 S31:S34  
 S36 8 S30 NOT S35  
 S37 91 S13 NOT (S15 OR S17 OR S24 OR S35)  
 S38 17 S37 AND AC=US/PR AND AY=(2001:2007)/PR  
 S39 33 S37 AND AC=US AND AY=2001:2007  
 S40 26 S37 AND AC=US AND AY=(2001:2007)/PR  
 S41 74 S37 AND PY=2001:2007  
 S42 74 S38:S41  
 S43 17 S37 NOT S42  
 S44 20 S43 OR S36  
 S45 290 S2 AND S5:S7(2N)S9  
 S46 189 S45 AND S5:S7 AND S3:S4 AND S1 AND S9  
 S47 42 S46 AND S5:S6  
 S48 18 S47 NOT (S15 OR S17 OR S24 OR S35 OR S42 OR S44)  
 File 350:Derwent WPIX 1963-2007/UD=200740  
 (c) 2007 The Thomson Corporation  
 File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)  
 (c) 2007 JPO & JAPIO

Set	Items	Description
S1	951140	AUTOMATIC()TELLER()MACHINE? OR ATM OR KIOSK? OR (VENDOR? OR VENDING)()MACHINE? OR WORKSTATION? OR (SMARTCARD? OR TOKEN?)- (()READER? OR TERMINAL? ? OR TERMINAL? ?()EQUIPMENT
S2	3659	S1(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? - OR AUTHORI? OR APPROV? OR VERIF?)
S3	585701	(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR T- RANSFER? OR TRANSMIT? OR BEAM???) (5N) (INFORMATION OR DATA OR - INFO OR IDENT? OR ID OR IDS)
S4	1071792	(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOAD? OR - PULL???()DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV- ?) (5N) (INFORMATION OR DATA OR INFO OR IDENT? OR ID OR IDS)
S5	229834	(CELL OR CELLPHONE? OR CELLULAR? OR CELL()PHONE? OR WIRELE- SS OR PHONE?) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MAC- HINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S6	42363	(PALM()PILOT? OR HANDSET? ? OR HAND()SET? ? OR INTERNET? OR IP OR PDA OR WEB OR HANDHELD? OR HAND()HELD?) (3N) (PHONE? OR - DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S7	204874	SMARTCARD? OR SMART()CARD? ? OR (HARDWARE? OR HARD()WARE) (- )TOKEN? OR CHIPCARD? OR ICCARD? OR CARD OR CARDS OR TOKEN?
S8	5954	S5:S7(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDA- T? OR AUTHORI? OR APPROV? OR VERIF?)
S9	14649864	ISSUER? OR PROVIDER? OR MANUFACTURER? OR BUILDER? OR PROPR- IET? OR SUPPLIER? OR LICENS? OR VENDOR? OR AGENT? OR REPRESEN- T? OR INTERMEDIAR? OR PRODUC?
S10	335	S5:S7 AND S2
S11	62	S10 AND S5:S6
S12	35	S11 NOT (PY>2000 OR PY=2001:2007)
S13	23	RD (unique items)
S14	273	S10 NOT S11
S15	21	S14 AND S7 AND S2 AND S7(3N)S9
S16	18	RD (unique items)
S17	20	S2 AND S5:S7(2N)S9
S18	4	S17 NOT (S13 OR S16)
File	2:INSPEC 1898-2007/Jun W3	
	(c) 2007 Institution of Electrical Engineers	
File	6:NTIS 1964-2007/Jul W1	
	(c) 2007 NTIS, Intl Cpyrght All Rights Res	
File	8:Ei Compendex(R) 1884-2007/Jun W3	
	(c) 2007 Elsevier Eng. Info. Inc.	

File 34:SciSearch(R) Cited Ref Sci 1990-2007/Jun W4  
(c) 2007 The Thomson Corp

File 35:Dissertation Abs Online 1861-2007/May  
(c) 2007 ProQuest Info&Learning

File 56:Computer and Information Systems Abstracts 1966-2007/Jun  
(c) 2007 CSA.

File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jun  
(c) 2007 CSA.

File 62:SPIN(R) 1975-2007/Jun W2  
(c) 2007 American Institute of Physics

File 65:Inside Conferences 1993-2007/Jun 27  
(c) 2007 BLDSC all rts. reserv.

File 95:TEME-Technology & Management 1989-2007/Jun W4  
(c) 2007 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2007/May  
(c) 2007 The HW Wilson Co.

File 111:TGG Natl.Newspaper Index(SM) 1979-2007/Jun 22  
(c) 2007 The Gale Group

File 144:Pascal 1973-2007/Jun W3  
(c) 2007 INIST/CNRS

File 239:Mathsci 1940-2007/Aug  
(c) 2007 American Mathematical Society

File 256:TecInfoSource 82-2007/Nov  
(c) 2007 Info.Sources Inc

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

Set	Items	Description
S1	1218271	DATA()CARRIER? OR AUTOMATIC()TELLER()MACHINE? OR KIOSK? OR (VENDOR? OR VENDING)()MACHINE? OR WORKSTATION? OR (SMARTCARD? OR TOKEN?)()READER? OR TERMINAL? ? OR TERMINAL? ?()EQUIPMENT
S2	12701	S1(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? - OR AUTHORI? OR APPROV? OR VERIF?)
S3	734586	(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR T- RANSFER? OR TRANSMIT? OR BEAM???) (5N) (INFORMATION OR DATA OR - INFO OR IDENT? OR ID OR IDS)
S4	821277	(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOAD? OR - PULL???) (DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV- ?) (5N) (INFORMATION OR DATA OR INFO OR IDENT? OR ID OR IDS)
S5	150998	(CELL OR CELLPHONE? OR CELLULAR? OR CELL()PHONE? OR WIRELE- SS OR PHONE?) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MAC- HINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S6	91268	(PALM()PILOT? OR HANDSET? ? OR HAND()SET? ? OR INTERNET? OR IP OR PDA OR WEB OR HANDHELD? OR HAND()HELD?) (3N) (PHONE? OR - DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S7	250642	SMARTCARD? OR SMART()CARD? ? OR (HARDWARE? OR HARD()WARE) (- )TOKEN? OR CHIPCARD? OR ICCARD? OR CARD OR CARDS OR TOKEN?
S8	14358	S5:S7(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDA- T? OR AUTHORI? OR APPROV? OR VERIF?)
S9	5538166	ISSUER? OR PROVIDER? OR MANUFACTURER? OR BUILDER? OR PROPR- IET? OR SUPPLIER? OR LICENS? OR VENDOR? OR AGENT? OR REPRESEN- T? OR INTERMEDIAR? OR PRODUC?
S10	2160	S2 AND S5:S7 AND S3:S4 AND S1
S11	189	S10 AND S5:S7(2N)S9
S12	104	S11 AND S5:S7 AND S3 AND S1 AND S8
S13	104	S12 AND S5:S7 AND S3:S4 AND S2 AND S8
S14	3912	(MUTUAL? OR BOTH OR EACH OR JOINT? OR TOGETHER) (2N) (USE? ? OR USING OR UTILI? OR ACCESS?) (3N) (CERTIFICAT? OR CERTIF? OR - AUTHENTICAT? OR VALIDAT? OR AUTHORI? OR APPROV? OR VERIF?)
S15	5	S13 AND S14
S16	94	S5:S6 AND S14 AND S1
S17	37	S16 AND S10
S18	99	S13 NOT S15
S19	0	S16 AND S18

S20 8 S17 AND AC=US/PR AND AY=(2001:2007)/PR  
 S21 32 S17 AND AC=US AND AY=2001:2007  
 S22 26 S17 AND AC=US AND AY=(2001:2007)/PR  
 S23 37 S17 AND PY=2001:2007  
 S24 37 S20:S23  
 S25 13383 (MUTUAL? OR BOTH OR EACH OR JOINT? OR  
 ONE(2N)ANOTHER) (5N) (-  
 CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? OR  
 AUTHORI?  
 OR APPROV? OR VERIF?)  
 S26 795 S5:S7 AND S25 AND S1  
 S27 253 S26 AND S10  
 S28 35 S27 AND S11  
 S29 32 S28 NOT S24  
 S30 28 S29 NOT S15  
 S31 6 S30 AND AC=US/PR AND AY=(2001:2007)/PR  
 S32 10 S30 AND AC=US AND AY=2001:2007  
 S33 8 S30 AND AC=US AND AY=(2001:2007)/PR  
 S34 20 S30 AND PY=2001:2007  
 S35 20 S31:S34  
 S36 8 S30 NOT S35  
 S37 91 S13 NOT (S15 OR S17 OR S24 OR S35)  
 S38 17 S37 AND AC=US/PR AND AY=(2001:2007)/PR  
 S39 33 S37 AND AC=US AND AY=2001:2007  
 S40 26 S37 AND AC=US AND AY=(2001:2007)/PR  
 S41 74 S37 AND PY=2001:2007  
 S42 74 S38:S41  
 S43 17 S37 NOT S42  
 S44 20 S43 OR S36  
 S45 290 S2 AND S5:S7(2N)S9  
 S46 189 S45 AND S5:S7 AND S3:S4 AND S1 AND S9  
 S47 42 S46 AND S5:S6  
 S48 18 S47 NOT (S15 OR S17 OR S24 OR S35 OR S42 OR S44)  
 File 350:Derwent WPIX 1963-2007/UD=200740.  
 (c) 2007 The Thomson Corporation  
 File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)  
 (c) 2007 JPO & JAPIO

Set	Items	Description
S1	459065	DATA()CARRIER? OR AUTOMATIC()TELLER()MACHINE? OR KIOSK? OR (VENDOR? OR VENDING)()MACHINE? OR WORKSTATION? OR (SMARTCARD? OR TOKEN?)()READER? OR TERMINAL? ? OR TERMINAL? ?()EQUIPMENT
S2	9730	S1(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDAT? - OR AUTHORI? OR APPROV? OR VERIF?)
S3	332189	(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR T- RANSFER? OR TRANSMIT? OR BEAM???) (5N) (INFORMATION OR DATA OR - INFO OR IDENT? OR ID OR IDS)
S4	419399	(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOAD? OR - PULL???( )DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV- ?) (5N) (INFORMATION OR DATA OR INFO OR IDENT? OR ID OR IDS)
S5	122457	(CELL OR CELLPHONE? OR CELLULAR? OR CELL()PHONE? OR WIRELE- SS OR PHONE?) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MAC- HINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S6	84185	(PALM()PILOT? OR HANDSET? ? OR HAND()SET? ? OR INTERNET? OR IP OR PDA OR WEB OR HANDHELD? OR HAND()HELD?) (3N) (PHONE? OR - DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S7	145101	SMARTCARD? OR SMART()CARD? ? OR (HARDWARE? OR HARD()WARE) (- )TOKEN? OR CHIPCARD? OR ICCARD? OR CARD OR CARDS OR TOKEN?
S8	15868	S5:S7(5N)(CERTIFICAT? OR CERTIF? OR AUTHENTICAT? OR VALIDA- T? OR AUTHORI? OR APPROV? OR VERIF?)
S9	2037117	ISSUER? OR PROVIDER? OR MANUFACTURER? OR BUILDER? OR PROPR- IET? OR SUPPLIER? OR LICENS? OR VENDOR? OR AGENT? OR REPRESEN- T? OR INTERMEDIAR? OR PRODUC?
S10	2516	S5:S7(100W)S2
S11	1508	S10(100N)S3:S4(100N)S1
S12	131	S10(100N)(S3:S4(3N)S1)(100N)(S5:S7(5N)S9)
S13	131	S12(100N)(S3:S4(3N)S1)(50N)(S5:S7(5N)S9)
S14	131	S13(100N)(S3:S4(3N)S1)(25N)(S5:S7(5N)S9)
S15	46	S14 NOT (AD>2000 OR AD=2001:2007)
S16	3072	S5:S7(100N)S2
S17	1583	S16(100N)(S5:S7(10N)S2)
S18	34	S17(100N)((S3:S4(3N)S1)(10N)S9)
S19	24	S18 NOT S15

File 348:EUROPEAN PATENTS 1978-2007/ 200725

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File 349:PCT FULLTEXT 1979-2007/UB=20070621UT=20070614